

State of Alaska  
Department of Fish and Game  
Nomination for Waters  
Important to Anadromous Fish

Year of Revision

85-302

Anadromous Water Catalog Volume Region 1 Southeast Alaska

USGS Quad Petersburg D-5

Name of Waterway Unnamed

Anadromous Water Catalog Number of Waterway \_\_\_\_\_

106-43-10450

Change to X Atlas

\_\_\_\_\_ Catalog

\_\_\_\_\_ Both

Addition \_\_\_\_\_

Deletion \_\_\_\_\_

Correction X

Name addition: \_\_\_\_\_

USGS name \_\_\_\_\_

Local name \_\_\_\_\_

ALASKA DEPT. OF  
FISH & GAME

DEC 19 1985

REGION II  
HABITAT DIVISION

For Office Use

Nomination # \_\_\_\_\_

Richard Reed 12/17/85  
Regional Supervisor Date

\_\_\_\_\_  
Drafted Date

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>Coho</u>				
<u>Steelhead</u>				
<u>Cutthroat</u>				
<u>Dolly Varden</u>				

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

Delete the r after each species in the area indicated on the attached  
map. See original nomination form

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) Craig Burns

Date: 12/13/85 Signature: Craig A. Burns

Address: Box 667

Petersburg AK 99833

Signature of Area Biologist: \_\_\_\_\_

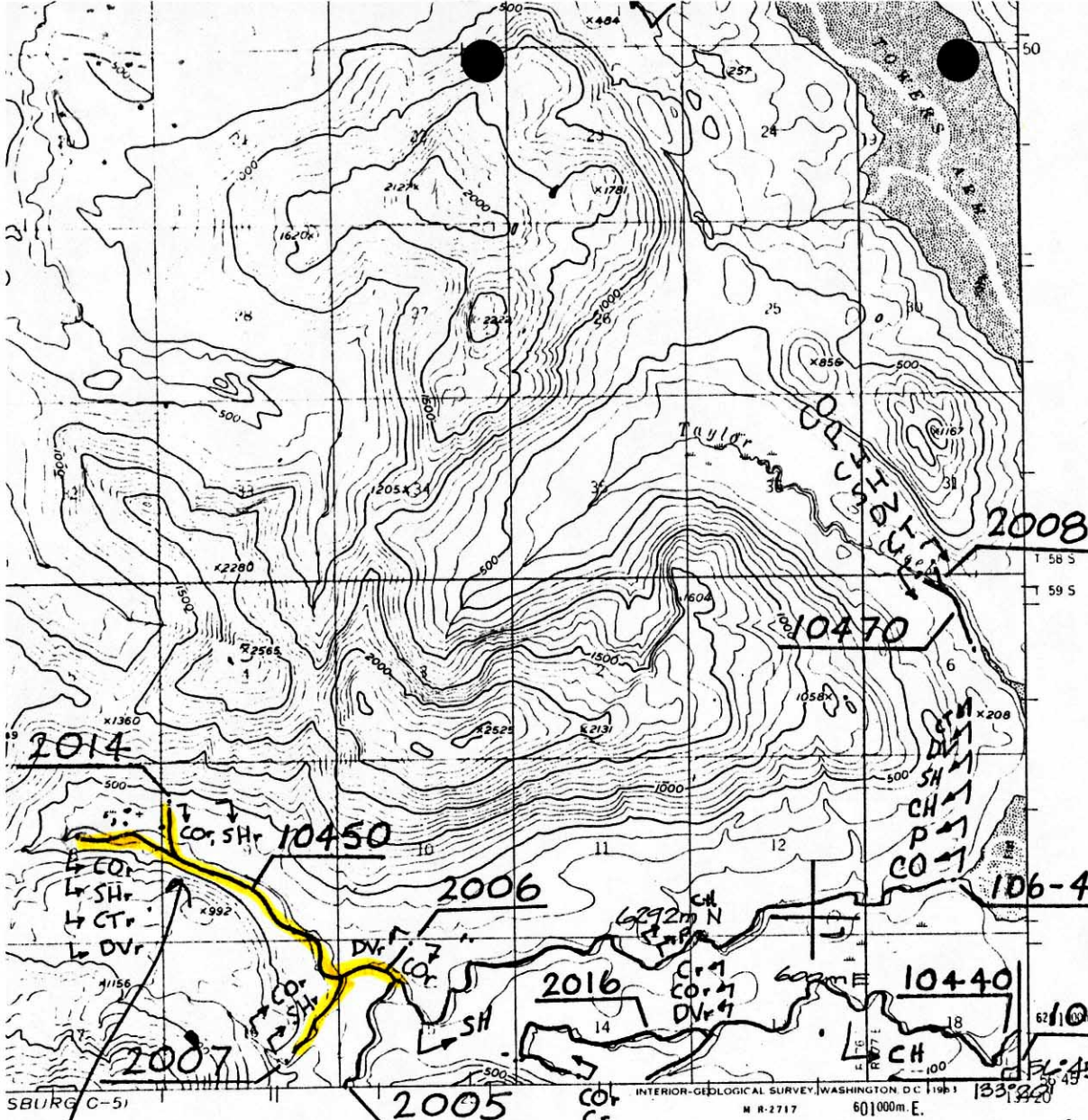
Joe Donalevi

HABITAT  
RECEIVED

DEC 17 1985

REGION I  
JUNEAU





OK  
PNA  
10/81

This area contained excellent spawning area.

Delete "r" notation



PETERSBURG (D-5), ALASKA  
N5645—W13320/15X20

1948  
MINOR REVISIONS 1963

ANC63 00645 PETE D-5

ANC-H/5-

STREAM CATALOG  
SIED PURSUANT TO AS 13.05.870 (a)

PETERSBURG D-5



STATE OF ALASKA  
DEPARTMENT OF FISH AND GAME  
habitat protection division  
JUNEAU, ALASKA

BY	DATE
BB	3/1/83
SJS	10/85
REVISIONS	



to be added by headquarters

STATE OF ALASKA  
Department of Fish and Game  
NOMINATION FORM FOR WATERS IMPORTANT TO ANADROMOUS SPECIES

X Request to ADD the waterbody described below to the Catalog of Waters Important for Spawning and Migration of Anadromous Fishes

Request to DELETE the waterbody described below from the Catalog of Waters Important for Spawning and Migration of Anadromous Fishes

NAME (if any) OF WATERBODY 106-43-45

TYPE OF WATERBODY (circle one): lake creek river slough other Large creek or small River not navigable however

LOCATION (use mouth of stream or outlet of lake):

MERIDIAN Copper River TOWNSHIP 59 S RANGE 77 E SECTION 7

USGS 1:63,360 QUADRANGLE MAP (e.g. Juneau D4) Petersburg D-5

LATITUDE 56° 45' 57" N LONGITUDE 133° 20' 37" W

COMMERCIAL FISHERIES STATISTICAL DISTRICT AND SUBDISTRICT IN WHICH WATERBODY IS LOCATED: 106-43

LIST OF SPECIES OBSERVED (include any anadromous fish)

SPECIES	DATE(s) OBSERVED	APPROXIMATE NUMBERS	LIFE STAGE(s) (egg, fry, smolt, adult)
coho	8/12 + 8/14, 15/16/85	several hundred	fry plus rearing fish
steelhead	8/12 + 8/14, 15, 16/85	several hundred	fry plus rearing fish
Chum salmon	8/15 + 8/16/85	700	adult

Comments/Diagrams (Please indicate where in the stream fish were observed, e.g., "10 miles above Delta Junction," "3 river miles south of confluence of Yukon and Porcupine Rivers," etc. Provide additional clarifying information such as "provides limited spawning area," "excellent rearing area," etc. Please use the back of this form if more space is required).

The anadromous reach of the stream needs correcting. Rearing coho and steelhead were captured in minnow traps up to the complete barriers marked. Several incomplete barriers limit Pink and chum salmon passage as noted. Additions, deletions and barriers are highlighted on the corrected map. Excellent rearing and spawning area available on added North Fork.

NAME OF OBSERVER (print) Craig Burns SIGNATURE Craig A. Burns

DUTY STATION Petersburg

NOTE: Anyone submitting this form may be required to testify at a public hearing at a future date regarding these observations.

SEND ORIGINAL TO: Chief, Habitat Protection Section, Subport Building, Juneau. Also, send one copy to the local Regional Habitat Protection Supervisor.



# MEMORANDUM

ALASKA DEPT OF  
FISH & GAME

State of Alaska

DEC 13 1985

DATE: December 10, 1985

REGION II  
HABITAT DIVISION

TELEPHONE NO: 772-3801

OK  
ETS 11

TO: Carl Yanagawa  
Regional Supervisor  
Habitat Division  
Department of Fish and Game  
Anchorage

FROM: Don Cornelius  
Area Habitat Biologist  
Department of Fish and Game  
Petersburg

SUBJECT: Proposed Changes for  
the 1986 Anadromous  
Waters Atlas Maps  
for Southeast  
(Region 1)

The Petersburg staff has reviewed the draft of proposed changes in the 1986 anadromous waters catalog. A large portion of our nominations came from John Edgington's land use project, which is testing an integrated resource inventory (IRI) method.

In completing the nomination forms, the life stages actually observed were indicated as provided in the list of species observed (see attached example). Presence of spawning area was indicated under the comments section. Such streams seem to have been cataloged as rearing only. It is virtually impossible to go out and identify the majority of coho spawning streams at the time that coho spawn. Given the behavior of this species, and their wide distributions, indices such as large numbers of fry, the lack of barriers, and presence of spawning habitat are the only realistic ways we have to identify coho spawning areas.

I'm concerned that labeling streams as rearing only will weaken our case for protecting such streams when development activities vs. fisheries become issues. If we have to rely on actual observations of coho salmon seen in the act of spawning, our catalog has no hope of reflecting the biological reality of this species. The only reason most of our coho streams are cataloged as they are, is that the strict guidelines in nominating fish streams currently employed were not used in the past. The biggest gap we have in the anadromous waters catalog for southeast is for coho spawning and rearing streams.

One problem we noted throughout the revisions is the misalignment of the overlays with the base map. This has caused many of the streams to be indicated on the maps off to the side of the actual channels. I presume this is the fault of the printer.

On the Petersburg D-3 map, I have indicated in red a correction for newly nominated stream 106-44-10020.

add CO's  
to streams  
as shown  
Delete r from  
all species

On the Petersburg A-5 map, when the upper limits of coho salmon and steelhead in Calder Creek were changed, pink and coho salmon upper limits should have been left as they were previously marked. Randy Timothy sent you a memo on this and I have corrected the map in red accordingly.

Otherwise, the maps look good. The blue lines are better than in the past. We appreciate all the effort your crew does to upgrade the accuracy and quality of the stream catalog.

cc: R. Reed, ADFG, Juneau  
S. Seburg, ADFG, Anchorage



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